

# MARICOPA COUNTY INFLUENZA SUMMARY UPDATE

**Week ending November 29, 2003 (Week 48)**

**Synopsis:** During week 48 (November 23 – November 29, 2003), 77 laboratory-tested specimens were positive for influenza. The proportion of patient visits to Cigna Health Care Centers for influenza-like-illness (ILI) was 0.72%, which is less than the national baseline of 2.5%. The proportion of patient visits to ASU Student Health and Wellness Center for ILI (0.60%) also fell below the national baseline. The overall percentage of ER visits for ILI was 2.60%. The average daily percentage of students absent due to ILI was 0.65%, and the average daily percentage of students absent due to illness was 4.58%. Long-term care center surveillance indicated insignificant influenza activity\*.

**Laboratory Surveillance:** During week 48, 77 untyped influenza type A viruses were identified. Isolates were confirmed at Sonora Quest Laboratory, Phoenix Children's Hospital, St. Luke's Hospital, and Arizona Medical Clinic.

**Pneumonia and Influenza (P&I) Mortality Surveillance\*\*:** P&I data for week 48 is currently unavailable.

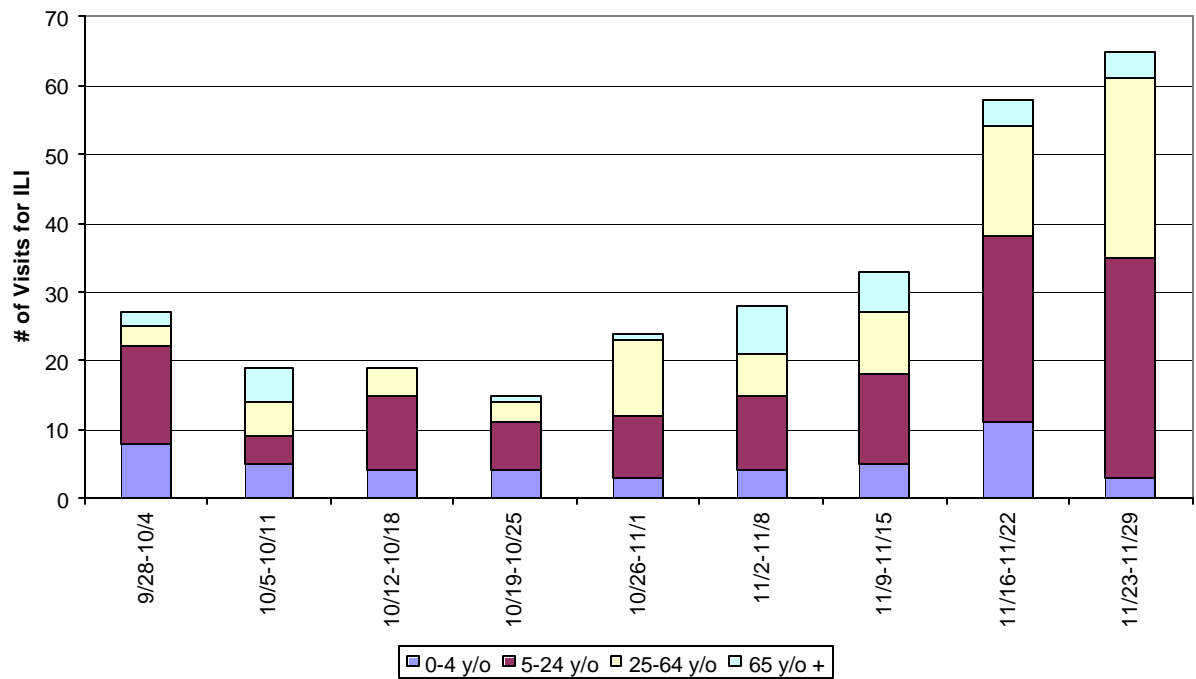
**Influenza-like Illness Surveillance\*\*:** During week 47, 0.72% of patient visits to Cigna Health Care facilities were due to ILI. This is less than the national baseline of 2.5%. The proportion of patient visits to ASU Student Health and Wellness Center for ILI (0.60%) also fell below the national baseline. The overall percentage of ER visits for ILI was 2.60%. The average daily percentage of students absent due to ILI was 0.65%, and the average daily percentage of students absent due to illness was 4.58%. Due to differences in case definitions, it is not appropriate to apply the national baseline to ER and school ILI data\*\*\*.

Week	% Visits for ILI
9/28-10/4	0.14
10/5-10/11	0.10
10/12-10/18	0.11
10/19-10/25	0.07
10/26-11/1	0.10
11/2-11/8	0.12
11/9-11/15	0.17
11/16-11/22	0.33
11/23-11/29	0.73

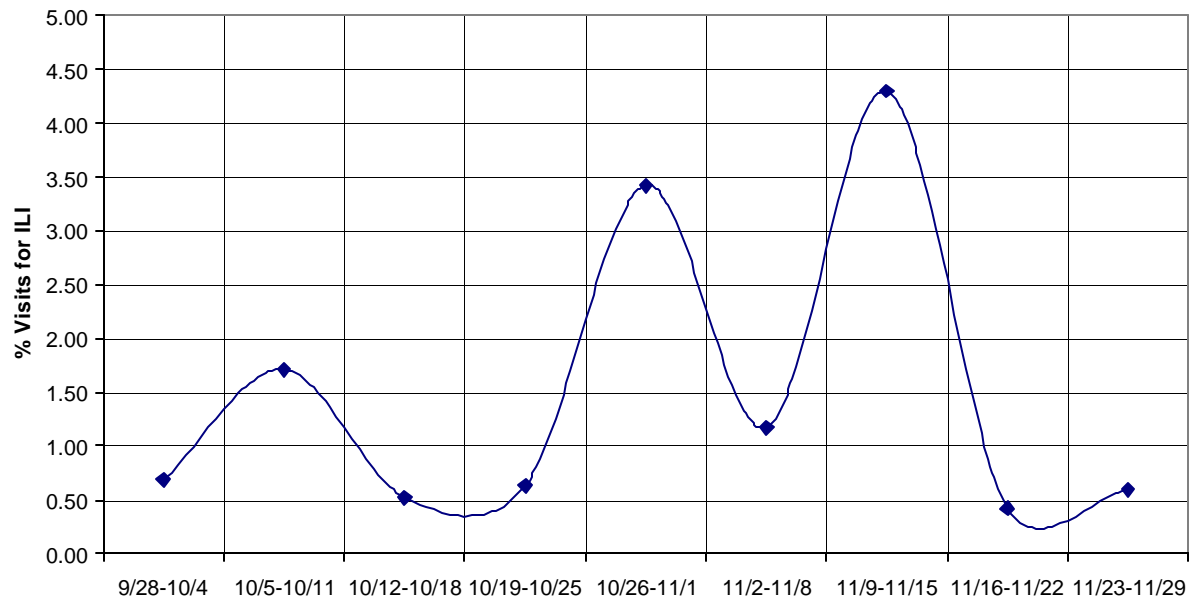
The graph displays the percentage of visits for ILI across 16 locations over time. The x-axis represents weekly intervals from 9/28-10/4 to 11/23-11/29. The y-axis represents the percentage of visits, ranging from 0 to 4. Most locations show low ILI percentages (below 1%) until late November, when several locations, including Staphylococcus aureus (Staphylococcus aureus) and Staphylococcus aureus (Staphylococcus aureus), show a sharp increase, with Staphylococcus aureus (Staphylococcus aureus) reaching nearly 4% in the final week.

Location	9/28-10/4	10/5-10/11	10/12-10/18	10/19-10/25	10/26-11/1	11/2-11/8	11/9-11/15	11/16-11/22	11/23-11/29
Chandler	0.35	0.50	0.20	0.10	0.10	0.30	0.30	0.55	1.10
C.J. Harris	0.00	0.20	0.30	0.20	0.60	0.05	0.30	1.00	0.90
Clyde Wright	0.25	0.00	0.30	0.00	0.30	0.00	0.30	0.35	0.00
Clyde Wright AHC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Deer Valley	0.40	0.75	0.45	0.30	0.30	1.20	1.60	2.20	3.80
Gilbert	0.35	0.00	0.30	0.20	0.45	0.00	0.30	0.35	1.80
North Valley	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paradise Valley	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paseo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paseo AHC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Scottsdale	0.40	0.00	0.65	0.50	0.00	0.00	0.90	0.00	0.00
South Mountain	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stapley	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Stapley AHC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Sun City	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.15
Sun City West	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00
Super. Springs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tempe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
The Pointe	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Westridge	1.10	0.20	0.30	0.20	0.60	0.00	0.30	1.00	0.90

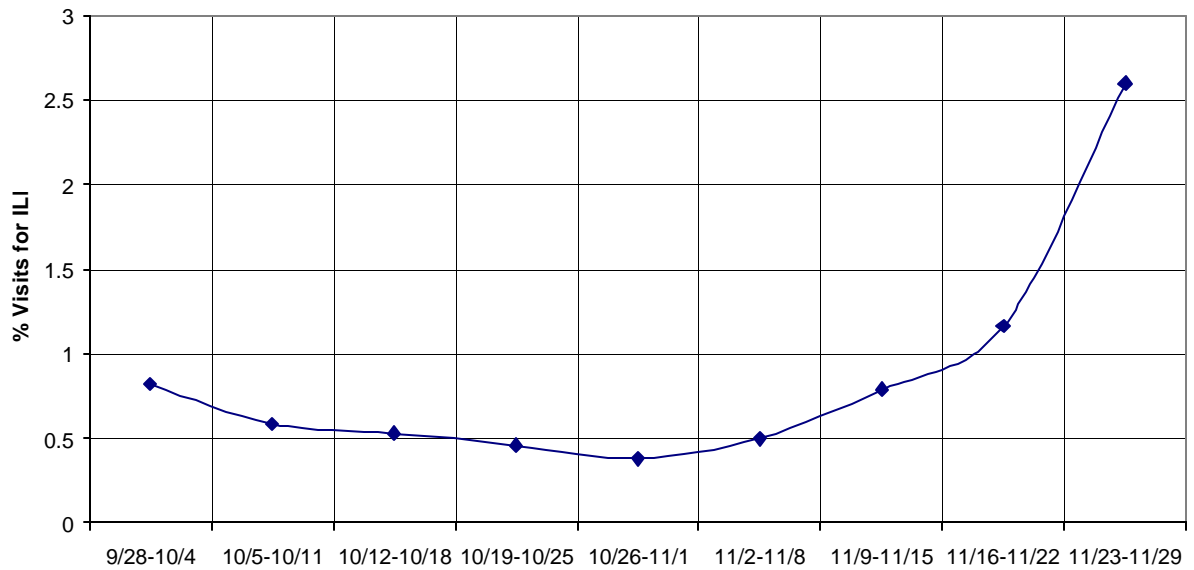
**Number of Visits to Cigna Facilities for Influenza-Like Illness,  
Maricopa County Summary 2003-04 (by age group)**



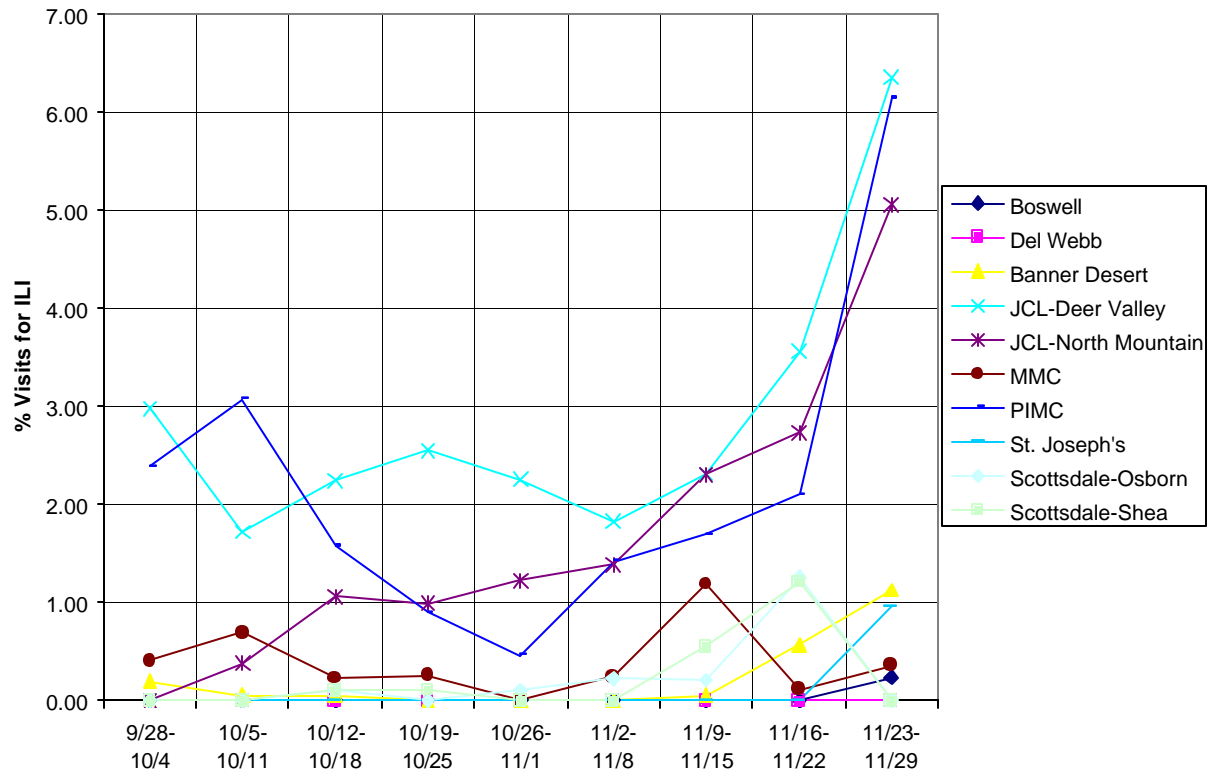
**Overall Percentage of Visits for Influenza-like Illness at ASU Student Health,  
Maricopa County Summary 2003-04**



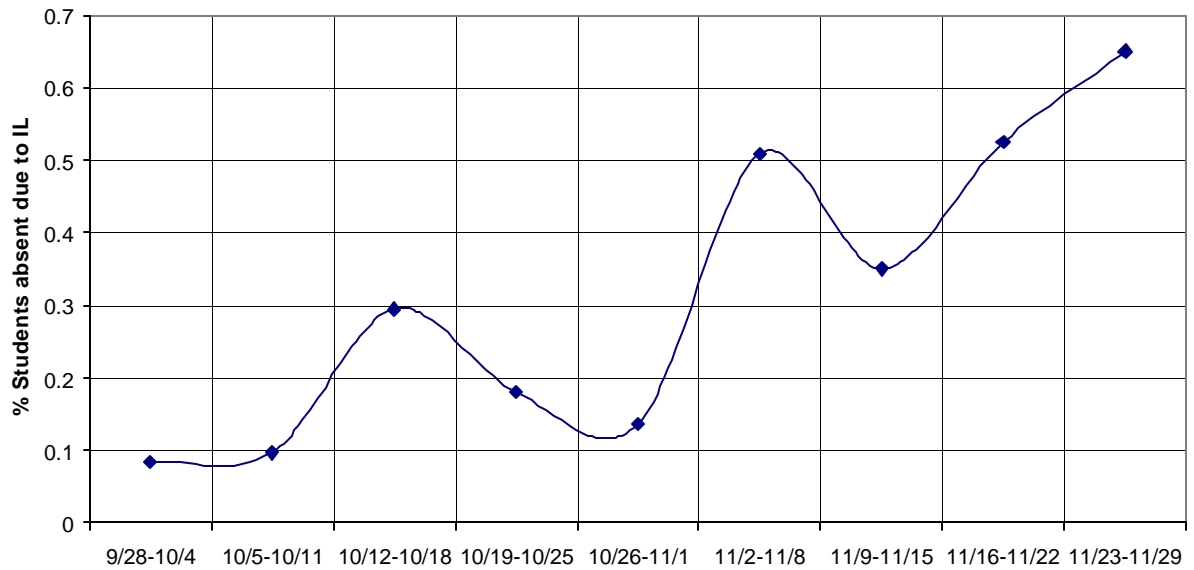
**Overall Percentage of Visits to ER for Influenza-like Illness,  
Maricopa County Summary 2003-04**



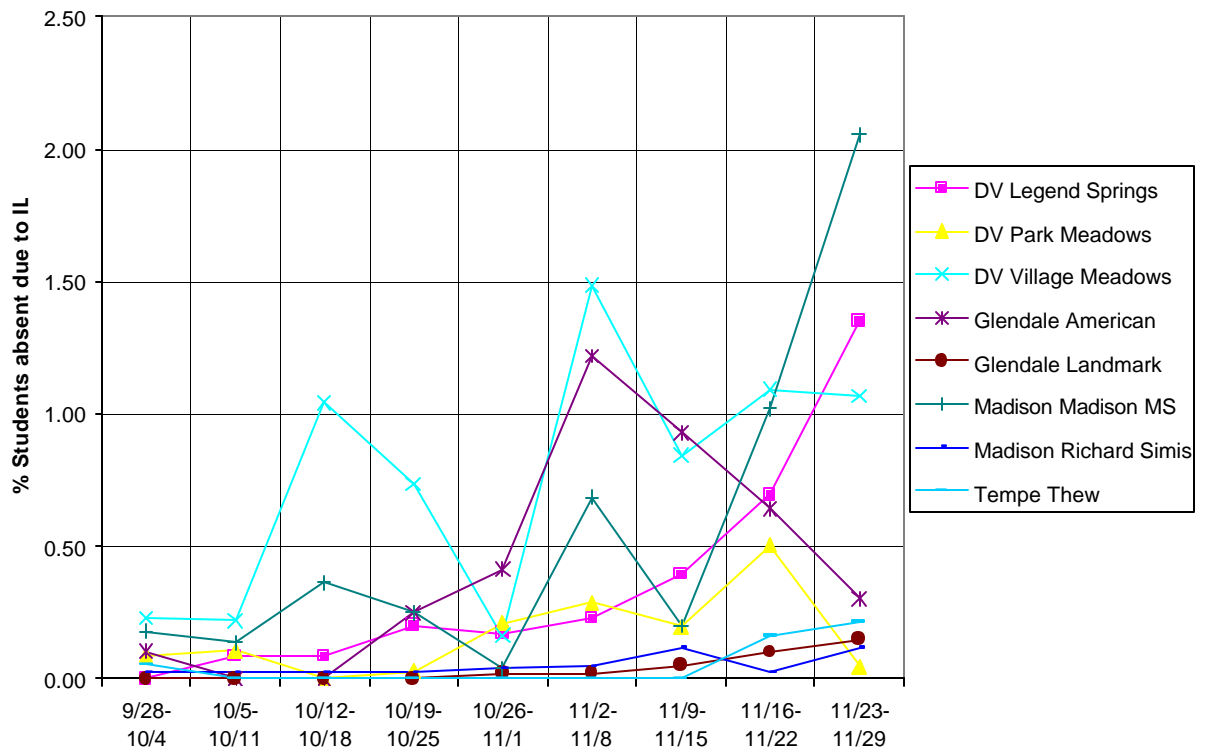
**Percentage of ER Visits for Influenza-like Illness,  
Maricopa County Summary 2003-04**



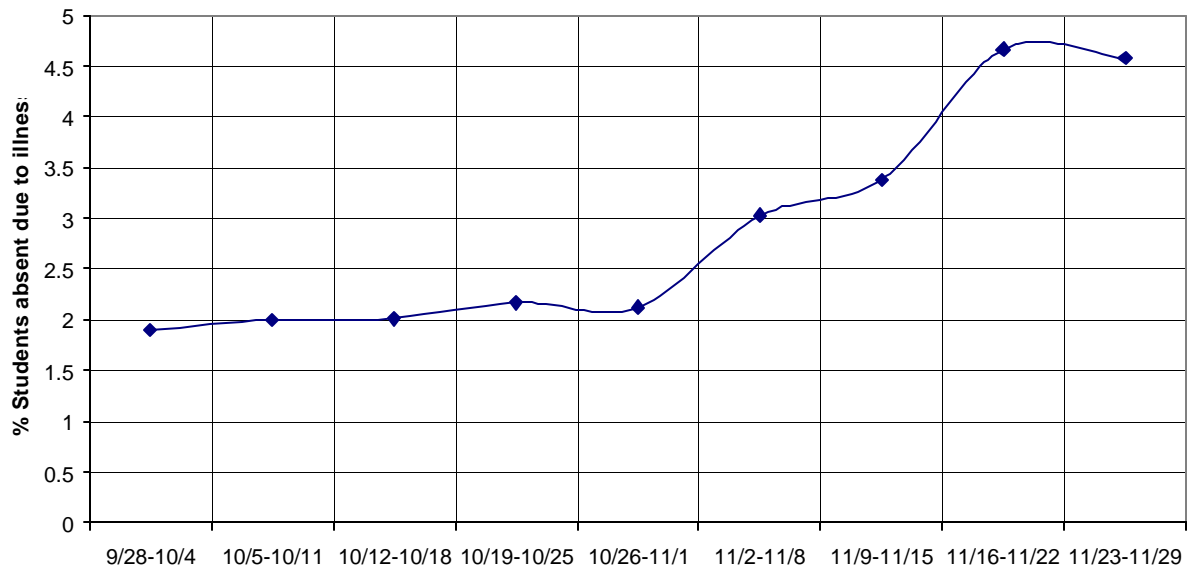
**Average Daily Percentage of Students Absent due to Influenza-like Illness,  
Maricopa County Summary 2003-04**



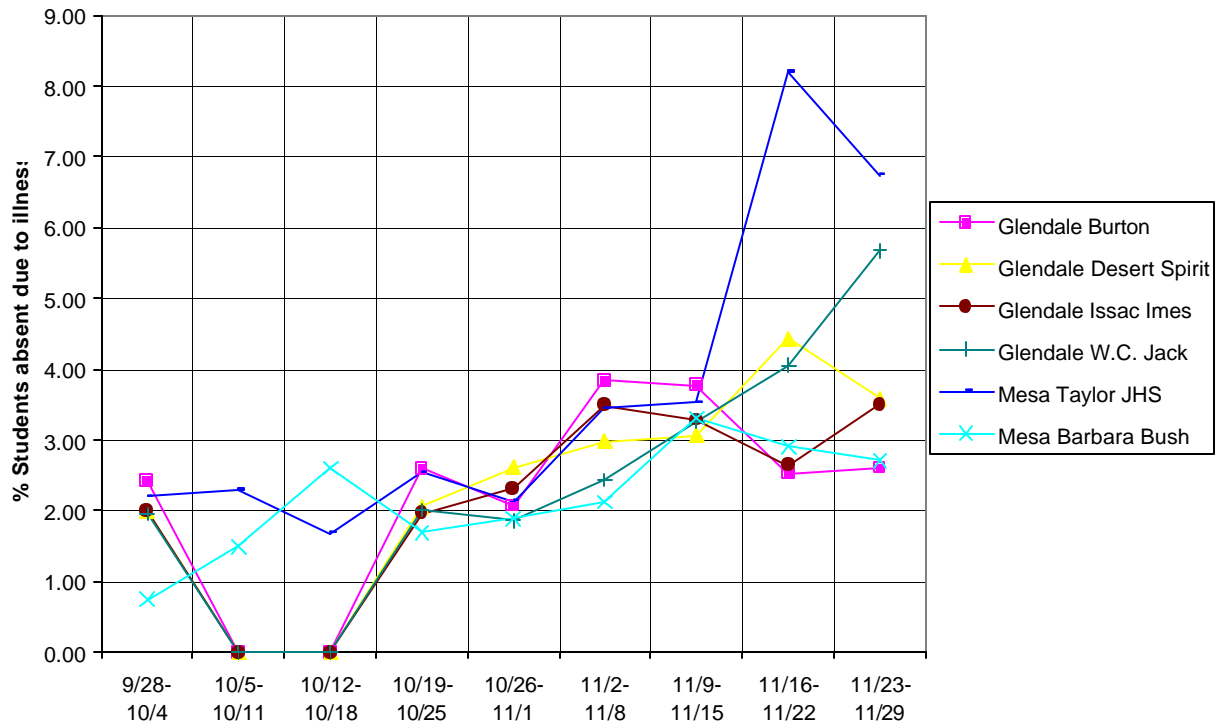
**Average Daily Percentage of Students Absent due to Influenza-like Illness,  
Maricopa County Summary 2003-04**



**Average Daily Percentage of Students Absent due to Illness,  
Maricopa County Summary 2003-04**

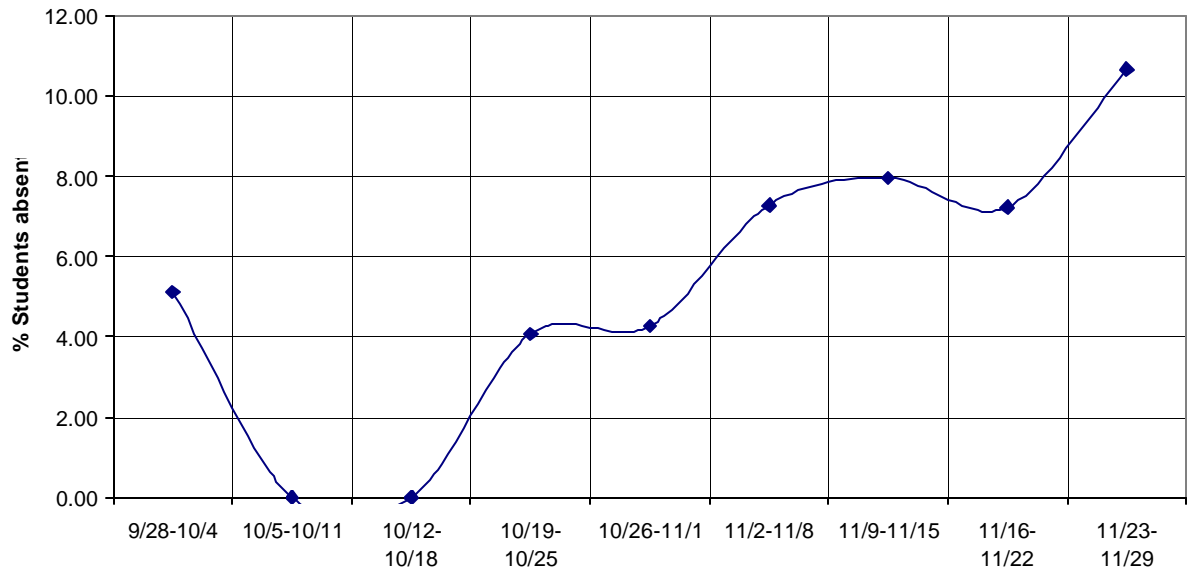


**Average Daily Percentage of Students Absent due to Illness,  
Maricopa County Summary 2003-04**

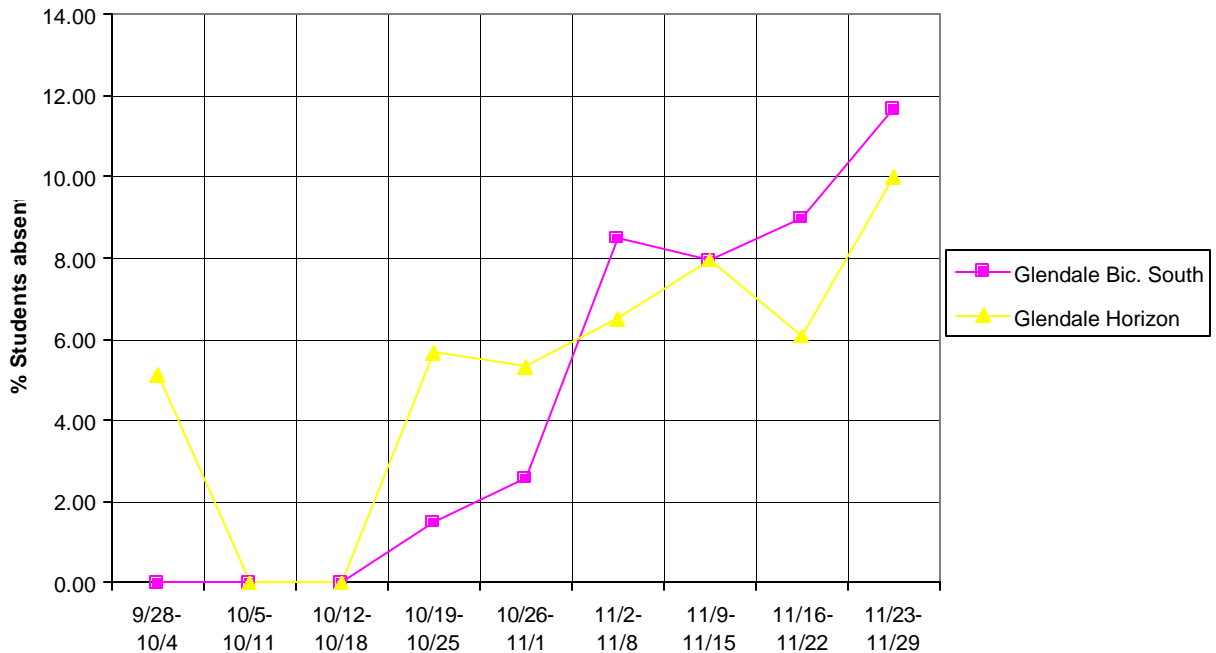


Note: Glendale schools were on fall break from 10/5/2003 – 10/18/2003.

**Average Daily Percentage of Students Absent,  
Maricopa County Summary 2003-04**



**Average Daily Percentage of Students Absent,  
Maricopa County Summary 2003-04**



Note: The only schools reporting total absences are Glendale Bicentennial South and Glendale Horizon. These schools were on fall break from 10/5/2003 – 10/18/2003.

\* Influenza activity is defined as influenza-like illness and/or culture-confirmed influenza.

\*\* Reporting is incomplete for this week. Numbers may change as more reports are received.

\*\*\* Case definitions

For Cigna Health Care Centers and ASU Student Health and Wellness Center:  
Fever plus either cough or sore throat

For Hospital ER's, Long-term Care Centers, and Schools:  
Fever of 102 degrees or higher, plus two of the following symptoms:  
Headache, chills, myalgia, cough, coryza, sore throat

Surveillance Sources: **Hospital Emergency Departments** (Boswell Memorial Hospital, Del Webb Memorial Hospital, Banner Desert Medical Center, John C. Lincoln Hospital Deer Valley, John C. Lincoln Hospital North Mountain, Maricopa Medical Center, Phoenix Indian Medical Center, St. Joseph's Hospital, Scottsdale Healthcare Osborn, Scottsdale Healthcare Shea); **Cigna Health Care Centers** (Chandler, CJ Harris, Clyde Wright, Clyde Wright AHC, Deer Valley, Gilbert, North Valley, Paradise Valley, Paseo, Paseo AHC, Scottsdale, South Mountain, Stapley, Stapley AHC, Sun City, Sun City West, Superstition Springs, Tempe, The Pointe, Westridge); **Long-term Care Centers**: (Arbor Rose Assisted Living, Christian Care Nursing Center, Cook Healthcare, Life Care Center of Paradise Valley, Sun Health Care Center, Westminster Village); **Schools**: (Deer Valley Legend Springs, Deer Valley Park Meadows, Deer Valley Village Meadows, Glendale American, Glendale Bicentennial South, Glendale Burton, Glendale Desert Spirit, Glendale Horizon, Glendale Issac Imes, Glendale Landmark, Glendale W.C. Jack, Madison Middle School, Madison Richard Simis, Mesa Taylor, Mesa Barbara Bush, Tempe Thew); **ASU Student Health and Wellness Center**

Cigna Health Care Centers and ASU Student Health and Wellness Center are participants in CDC's Sentinel Surveillance program.

Report can be found online at: [http://www.maricopa.gov/public\\_health/epi/flu.asp](http://www.maricopa.gov/public_health/epi/flu.asp)

Report prepared: December 5, 2003